

BOBBY JINDAL
GOVERNOR



HAROLD LEGGETT, PH.D.
SECRETARY

State of Louisiana
DEPARTMENT OF ENVIRONMENTAL QUALITY
ENVIRONMENTAL SERVICES

JUN 04 2009

CERTIFIED MAIL# 7008 3230 0001 2852 6605
RETURN RECEIPT REQUESTED

FILE NUMBER: LA0109053
AI NUMBER: 85249
ACTIVITY NUMBER: PER20080001

Blue Bayou Water Park, LLC
Blue Bayou Water Park
18142 Perkins Road
Baton Rouge, LA 70810

Attention: Denis Densmore, General Manager

Subject: Draft Louisiana Pollutant Discharge Elimination System (LPDES) permit to discharge treated sanitary wastewater, food service wastewater, non-contact condensate from air conditioners, pool filter back-wash, pool overflow, off-season pool draining, maintenance wastewater, and stormwater runoff into parish drainage, thence into Bayou Manchac from a privately owned amusement park in Baton Rouge.

Dear Mr. Densmore:

The Department of Environmental Quality proposes to reissue an LPDES permit with the effluent limitations, monitoring requirements, and special conditions listed in the attached DRAFT PERMIT. Please note that this is a DRAFT PERMIT only and as such does not grant any authorization to discharge. Authorization to discharge in accordance with this permitting action will only be granted after all requirements described herein are satisfied and by the subsequent issuance of a FINAL PERMIT. Upon issuance, the LPDES permit shall replace the previously issued LPDES permit.

This Office will publish a public notice one time in the local newspaper of general circulation, and in the Department of Environmental Quality Public Notice Mailing List. A copy of the public notice containing the specific requirements for commenting to this draft permit action will be sent under separate cover at the time the public notice is arranged. In accordance with LAC 33:IX.6521.A, the applicant shall receive and is responsible for paying the invoice(s) from the newspaper(s). LAC 33:IX.6521 states, "...The costs of publication shall be borne by the applicant."

The invoice, fee rating worksheet, and a copy of the fee regulations will be sent under a separate cover letter as applicable. Please note that a copy of the fee rating worksheet is also attached to this draft permit. We must receive your fee payment by check, money order, or draft accompanied by the original and a copy of your invoice. A copy of the entire Louisiana Water Quality Regulations (Volume 14) may be obtained from the LDEQ Office of Environmental Assessment, Post Office Box 4314, Baton Rouge, Louisiana 70821-4314, (225) 219-3236.

Pursuant to LAC 33:IX.1309.I, LAC 33:IX.6509.A.1 and LAC 33:I.1701, you must pay any outstanding fees to the Department. Therefore, you are encouraged to verify your facility's fee status by contacting LDEQ's Office of Management and Finance, Financial Services Division at (225) 219-3863. Failure to pay in the manner and time prescribed could result in applicable enforcement actions as prescribed in the Environmental Quality Act, including, but not limited to revocation or suspension of the applicable permit, and/or assessment of a civil penalty against you.

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For sanitary treatment plants, the plans and specifications must be approved by the Department of Health and Hospitals, Office of Public Health, P.O. Box 4489, Baton Rouge, Louisiana 70821-4489, (225) 342-7395.

Should you have any questions concerning any part of the DRAFT PERMIT, public notice requirements, or fees, please contact Mrs. Angela Marse, Office of Environmental Services, Water Permits Division, Municipal and General Water Permits Section at the address on the preceding page or telephone (225) 219-3079. Please reference your Agency Interest Number **85249** and your Louisiana Pollutant Discharge Elimination System Number **LA0109053** on all future correspondence to the Department.

Sincerely,



Tom Killeen, Environmental Scientist Manager
Municipal and General Water Permits Section

awm

Attachments (Draft Permit Parts I-III, Statement of Basis, and Fee Sheet)

cc: IO-W

Angela Marse
Water Permits Division

ec: Ms. Gayle Denino
Office of Management & Finance

Permit Compliance Unit
Office of Environmental Compliance

For Public Notice
Public Participation Group
Office of Environmental Assistance

Chief Engineer
Dept. of Transportation and Development

Public Health Chief Engineer
Office of Public Health
Department of Health and Hospitals

Joseph B. Pecot, III
jaypecot@bellsouth.net

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PERMIT NUMBER: LA0109053
AGENCY INTEREST NO.: 85249
ACTIVITY NO.: PER20080001

OFFICE OF ENVIRONMENTAL SERVICES
Water Discharge Permit

Pursuant to the Clean Water Act, as amended (33 U.S.C. 1251 et seq.), and the Louisiana Environmental Quality Act, as amended (La. R. S. 30:2001 et seq.), rules and regulations effective or promulgated under the authority of said Acts, and in reliance on statements and representations heretofore made in the application, a Louisiana Pollutant Discharge Elimination System permit is issued authorizing

Blue Bayou Water Park, LLC
Blue Bayou Water Park
18142 Perkins Road
Baton Rouge, LA 70810

Type Facility: privately owned amusement park
Location: the corner of Highland Road and Perkins Road in Baton Rouge, East Baton Rouge Parish
Receiving Waters: parish drainage, thence into Bayou Manchac (Subsegment 040201)

to discharge in accordance with effluent limitations, monitoring requirements, and other conditions set forth in Parts I, II, and III attached hereto.

This permit shall become effective on

This permit and the authorization to discharge shall expire five (5) years from the effective date of the permit.

Issued on

Cheryl Sonnier Nolan
Assistant Secretary

DRAFT

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FINAL EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS

During the period beginning the effective date of the permit and lasting through the expiration date of the permit the permittee is authorized to discharge from:

Outfall 001, located near the food service area; treated sanitary wastewater, food service wastewater, and non-contact condensate from air conditioners (**estimated flow** is 0.035 MGD).

Such discharges shall be limited and monitored by the permittee as specified below:

<u>Effluent Characteristic</u>	<u>Storet Code</u>	<u>Discharge Limitations</u>				<u>Monitoring Requirements</u>	
		(lbs/day)	other units (specify)				
		Monthly Avg.	Daily Max.	Monthly Avg.	Daily Max.	Measurement Frequency	Sample Type
Flow-MGD	50050	Report	Report	---	---	1/week	Measure
CBOD ₅	80082	---	---	10 mg/l	15 mg/l	1/month	Grab
TSS	00530	---	---	15 mg/l	23 mg/l	1/month	Grab
Ammonia-Nitrogen	00610	---	---	Report mg/l	Report mg/l	1/month	Grab
Kjeldahl Nitrogen	00625	---	---	Report mg/l	Report mg/l	1/month	Grab
Fecal Coliform colonies/100ml ¹	74055	---	---	200	400	1/month	Grab
Oil and grease	03582	---	---	---	15 mg/l	1/month	Grab
pH (Standard Units) ²	00400	---	---	---	---	1/month	Grab

¹ See Part II, Paragraph 8.

² The pH shall not be less than 6.0 standard units nor greater than 9.0 standard units. The permittee shall report on the Discharge Monitoring Reports both the minimum and maximum instantaneous pH values measured.

There shall be no discharge of floating solids or visible foam in other than trace amounts.

Samples taken in compliance with the monitoring requirements specified above shall be taken at the following location:

Outfall 001, at the point of discharge from the last treatment unit prior to the split in the discharge line.

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FINAL EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS

During the period beginning the effective date of the permit and lasting through the expiration date of the permit the permittee is authorized to discharge from:

Outfall 002, located across the parking lot from the backwash filters; pool filter backwash, maintenance wastewater, pool overflow and draining, and stormwater runoff (**estimated flow** is 0.167 MGD).

Outfall 003, located across the parking lot from the maintenance shop; pool filter backwash, maintenance wastewater, pool overflow and draining, and stormwater runoff (**estimated flow** is 0.167 MGD).

Such discharges shall be limited and monitored by the permittee as specified below:

<u>Effluent Characteristic</u>	<u>Storet Code</u>	<u>Discharge Limitations</u>				<u>Monitoring Requirements</u>	
		(lbs/day)	other units (specify)				
		<u>Monthly Avg.</u>	<u>Daily Max.</u>	<u>Monthly Avg.</u>	<u>Daily Max.</u>	<u>Measurement Frequency</u>	<u>Sample Type</u>
Flow-MGD	50050	Report	Report	---	---	1/week	Measure
Oil and grease	03582	---	---	---	15 mg/l	1/month	Grab
TOC	00680	---	---	---	50 mg/l	1/month	Grab
TRC ₁	50060	---	---	---	---	1/week	Grab
Fecal Coliform colonies/100ml ²	74055	---	---	---	---	1/month	Grab
pH (Standard Units) ³	00400	---	---	---	---	1/month	Grab

¹ Prior to final disposal, the effluent shall contain NO MEASURABLE Total Residual Chlorine at any one time monitored by grab sample. Given the current constraints pertaining to chlorine analytical methods, NO MEASURABLE will be defined as less than 0.1 mg/l of chlorine. If any individual analytical test result is less than 0.1 mg/l, a value of zero (0) may be used for that individual result for the Discharge Monitoring Report (DMR) calculations and reporting requirements.

² See Part II, Paragraph 8.

³ The pH shall not be less than 6.0 standard units nor greater than 9.0 standard units. The permittee shall report on the Discharge Monitoring Reports both the minimum and maximum instantaneous pH values measured.

There shall be no discharge of floating solids or visible foam in other than trace amounts.

Samples taken in compliance with the monitoring requirements specified above shall be taken at the following location:

Outfall 002 and 003, at the point of discharge from the last treatment unit prior to mixing with other waters.

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PART II

OTHER REQUIREMENTS

In addition to the standard conditions required in all permits and listed in Part III, the office has established the following additional requirements in accordance with the Louisiana Water Quality Regulations.

SECTION A. GENERAL STATEMENTS

1. The Louisiana Department of Environmental Quality (LDEQ) reserves the right to impose more stringent discharge limitations and/or additional restrictions in the future to maintain the water quality integrity and the designated uses of the receiving water bodies based upon additional water quality studies and/or TMDL's. The LDEQ also reserves the right to modify or revoke and reissue this permit based upon any changes to established TMDL's for this discharge, or to accommodate for pollutant trading provisions in approved TMDL watersheds as requested by the permittee and/or as necessary to achieve compliance with water quality standards. Therefore, prior to upgrading or expanding this facility, the permittee should contact the Department to determine the status of the work being done to establish future effluent limitations and additional permit conditions.

In accordance with LAC 33:IX.2903., this permit may be modified, or alternatively, revoked and reissued, to comply with any applicable effluent standard or limitations issued or approved under sections 301(b)(2)(c) and (D); 304(b)(2); and 307(a)(2) of the Clean Water Act, if the effluent standard or limitations so issued or approved:

- a) Contains different conditions or is otherwise more stringent than any effluent limitation in the permit; or
 - b) Controls any pollutant not limited in the permit; or
 - c) Requires reassessment due to change in 303(d) status of waterbody; or
 - d) Incorporates the results of any total maximum daily load allocation, which may be approved for the receiving water body.
2. This permit does not in any way authorize the permittee to discharge a pollutant not listed or quantified in the application or limited or monitored for in the permit.
 3. Authorization to discharge pursuant to the conditions of this permit does not relieve the permittee of any liability for damages to state waters or private property. For discharges to private land, this permit does not relieve the permittee from obtaining proper approval from the landowner for appropriate easements and rights of way.
 4. For definitions of monitoring and sampling terminology see Part III, Section F.
 5. 24-hour Oral Reporting: Daily Maximum Limitation Violations

Under the provisions of Part III Section D.6.e.(3) of this permit, violations of daily maximum limitations for the following pollutants shall be reported orally to the Office of Environmental Compliance within 24 hours from the time the permittee became aware of the violation followed by a written report in five days.

Pollutants: None

6. As an exception to Part III Section D.6.e.(1), the permittee shall report all overflows in the collection system with the Discharge Monitoring Report submittal. These reports shall be summarized and reported in tabular format. The summaries shall include: the date, time, duration, location, estimated volume, and cause of the overflow; observed environmental impacts from the overflow; actions taken to address the overflow; and the ultimate discharge location if not contained (e.g., storm sewer system, ditch, tributary). All other overflows and overflows which endanger human health or the environment must be reported in the manner described in Part III, Section D.6 of the permit.

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OTHER REQUIREMENTS (cont.)

7. The permittee shall achieve compliance with the effluent limitations and monitoring requirements specified for discharges in accordance with the following schedule:

EFFECTIVE DATE OF THE PERMIT

8. Please be aware, concentrations of Total Residual Chlorine above 0.01 mg/L can cause or contribute to significant toxicity in receiving streams and biomonitoring testing. It is the permittee's responsibility to assure that no Total Residual Chlorine remains in the effluent after dechlorination in order to prevent toxicity in the receiving stream and in whole effluent toxicity testing.

9. DISCHARGE MONITORING REPORTS

Monitoring results must be reported on a Discharge Monitoring Report (DMR) form (EPA No. 3320-1 or an approved substitute). All monitoring reports must be retained for a period of at least three (3) years from the date of the sample measurement. The permittee shall make available to this Department, upon request, copies of all monitoring data required by this permit.

If there is a no discharge event at any of the monitored outfall(s) during the reporting period, enter "No Discharge" in the upper right corner of the Discharge Monitoring Report.

Discharge Monitoring Report (DMR) forms shall be prepared and submitted for each outfall per the instructions and submission schedules below:

- A. For monitoring frequencies once per month or more often (i.e. 1/week, 1/day, 1/batch, 1/discharge event), one DMR form per month (summarize monitoring results monthly) must be prepared and submitted quarterly.
- B. For once per quarter monitoring frequencies, one DMR form per quarter must be prepared and submitted quarterly.
- C. For once per 6 months monitoring frequencies, one DMR form per six month period must be prepared and submitted semi-annually.
- D. For once per year monitoring frequencies, one DMR form per year must be submitted annually.

Quarterly Submission Schedule

<u>Monitoring Period</u>	<u>DMR Postmark Date</u>
January, February, March	April 28th
April, May, June	July 28th
July, August, September	October 28th
October, November, December	January 28th

Semiannual Submission Schedule

<u>Monitoring Period</u>	<u>DMR Postmark Date</u>
January - June	July 28th
July - December	January 28 th

Annual Submission Schedule

<u>Monitoring Period</u>	<u>DMR Postmark Date</u>
January-December	January 28th

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OTHER REQUIREMENTS (cont.)

Duplicate copies of DMRs (one set of originals and one set of copies) signed and certified as required by LAC 33:IX.2503, and all other reports (one set of originals) required by this permit shall be submitted to the Permit Compliance Unit (one set of copies) at the following address:

Department of Environmental Quality
Office of Environmental Compliance
Enforcement Division
Post Office Box 4312
Baton Rouge, Louisiana 70821-4312
Attention: Permit Compliance Unit

10. The acceptance of hauled domestic septage is prohibited unless otherwise authorized by this Department. Septage is defined in LAC 33:IX.2313 as the liquid and solid material pumped from a septic tank, cesspool, portable toilet, Type III marine sanitation device, any similar domestic sewage treatment system, or a holding tank when the system is cleaned or maintained that receives only domestic sewage.